

for the University degree or the associateship in engineering, this being an increase of 23 per cent. as compared with the number in 1902. In addition to these, nine College students taking the B.A., B.Sc., or medical courses attended lectures and laboratory work in electricity and magnetism at the School of Engineering.

Results of Examinations.—University examinations, 1902: Ten students passed part of the first examination for B.Sc. in Engineering; six completed the first examination; and two passed part of the second examination.

Associateship of the School of Engineering.—At the annual examination, 1903, the passes were: In electricity and magnetism, 5; advanced electricity, 1; freehand mechanical drawing, 13; descriptive geometry (advanced), 10; steam-engine (elementary), 10; elementary applied mechanics, 8; mechanical drawing (second year), 5; applied mechanics, 6; mechanics of machinery, 5; steam-engine (advanced), 7; strength of materials, 6; theory of workshop practice, 2; and elementary electrical engineering, 3. Two passed the final examination.

Evening Students.—Of the students attending evening lectures 118 passed satisfactory examinations, and certificates were awarded as follows: First Class—The steam-engine (elementary), 12; elementary applied mechanics, 10; elementary strength of materials, 1; mechanical drawing, Section I. 7, Section II. 2, Section III. 2; freehand mechanical drawing, Sections I. and II., 11; descriptive geometry and setting-out work, 12; elementary electricity, 4; electricity and magnetism, 1; advanced electrical engineering, 2. Second Class—The steam-engine (elementary), 13; elementary strength of materials, 1; mechanical drawing, Section I. 7, Section II. 4, Section III. 1; freehand mechanical drawing, Sections I. and II., 13; descriptive geometry and setting-out work, 7; theory of workshop practice, 3; advanced electricity, 1; elementary electrical engineering, 4.

Testing in Engineering Laboratory.—The tests conducted in the Engineering Laboratory during the year comprised a comprehensive test of the properties of certain coals for the Westport Coal Company; of overhead and other gear for the contractors of the Dunedin tramways, Messrs. Noyes Bros.; and sundry minor tests for several engineering firms and individuals.

New Apparatus.—Only a comparatively small quantity of apparatus was obtained during the year. This was chiefly electrical, and comprised voltmeters and ammeters, resistance-frames, &c.

University Senate.—The Board of Governors of Canterbury College, under the new University Act, elected the professor in charge as one of their representatives on the University Senate.

Civil Engineering Course.—The Board of Governors authorised the re-establishment of the Civil Engineering Course, contingent on the necessary funds being forthcoming.

ROBT J. SCOTT, Professor in Charge.

SOUTH CANTERBURY.

EXTRACT FROM THE REPORT OF THE EDUCATION BOARD.

Manual and Technical Instruction.—The number of school classes in manual instruction continues to increase. Twenty-one of our schools earned capitation during the year, and as many more made attempts to introduce the subjects, though the lessons were not given with sufficient regularity to entitle the schools to grants from the Government. Seventeen schools taught by male teachers took advantage of the grants for needlework. The average salary of the sewing-mistresses was only £5 14s. 4d., a sum which does not compare well with the £12 paid in this district before the passing of the Teachers' Salaries Act. The "associated classes" at Timaru and Waimate were continued during the year with an increasing number of pupils, and similar classes were established at Temuka. The managers have hitherto found a difficulty in providing suitable accommodation for these classes, but during the year buildings for technical schools at Waimate and Timaru were begun and are now nearing completion, and tenders have been received for a building at Temuka. The estimated cost of these buildings is £2,800. Classes for the training of teachers in brush drawing, modelling, and woodwork were held from May to October. The attendance of the teachers was generally satisfactory, and in many cases good progress was made. A very successful exhibition of manual work done by both pupils and teachers was held at the conclusion of the classes.

EXTRACT FROM THE REPORT OF THE INSPECTORS OF SCHOOLS.

From May to October Saturday classes for the training of teachers were held in Timaru. The classes for brush drawing and modelling in plasticine were well attended, and sound progress was made by a large proportion of those that took up this work. A woodwork class for men was also held, the practical work being supplemented by a brief course of lessons in the kind of drawing that is necessary for such work. We have to thank the Principal of the Timaru Boys' High School for conducting these drawing lessons. At the close of the course in brush drawing and modelling, an exhibition of work done by the teachers and by pupils of public and private schools in the district was held in the Timaru Main School. Through the kindness of Mr. Elliott, of the Christchurch School of Art, there were exhibited with the local work specimens of what was being done under his direction. Variety was given to the exhibition by the inclusion of specimens of needlework, of freehand drawing, and of writing. The exhibition served its purpose well. Visitors were delighted with what they saw; and teachers who availed themselves of the privilege of examining the work and of comparing their own or their pupils' work with that done by others reaped much profit as well as pleasure from the exhibition.